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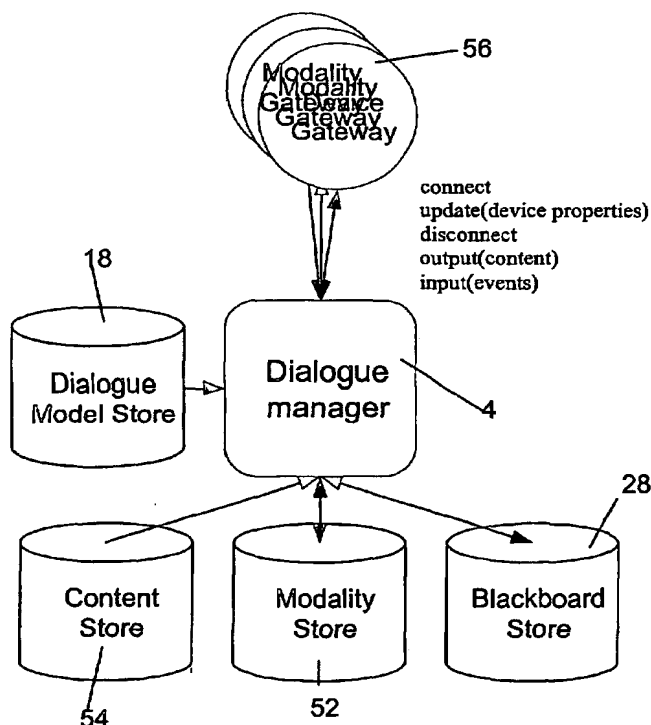
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[Continued on next page]

(54) Title: MULTI-MODE INTERACTIVE DIALOGUE APPARATUS AND METHOD

(57) Abstract: The invention provides a multi-modal interactive dialogue apparatus and method that has inputs and outputs of different data types, for example audio and visual. The apparatus is provided with a data store in which data relating to properties of the different types is stored, and this data may be used to control how a dialogue with a user progresses.





European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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PCT/GB

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/00

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 212 502 B1 (BREESE JOHN S ET AL) 3 April 2001 (2001-04-03) abstract column 1, line 1 -column 2, line 15 column 4, line 55 -column 5, line 48 column 1, line 35 -column 8, line 28; figure 1 column 9, line 12 - line 64; figure 2 column 12, line 42 -column 14, line 52; figures 2,6,7	1-47
A	EP 0 801 370 A (HUGHES AIRCRAFT CO) 15 October 1997 (1997-10-15) the whole document	1-47

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 748 974 A (JOHNSON DAVID EDWARD) 5 May 1998 (1998-05-05) abstract column 1, line 60 -column 2, line 32 column 3, line 43 -column 4, line 53; figure 2 -----	1-47

INTERNATIONAL SEARCH REPORT

Int'l Application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 6212502	B1	03-04-2001	US 6185534 B1	06-02-2001
			US 5987415 A	16-11-1999
EP 0801370	A	15-10-1997	CA 2202105 A1	09-10-1997
			EP 0801370 A1	15-10-1997
			IL 120622 A	17-02-2000
			JP 3249764 B2	21-01-2002
			JP 10039741 A	13-02-1998
			TW 411422 B	11-11-2000
			US 5885083 A	23-03-1999
US 5748974	A	05-05-1998	JP 8235185 A	13-09-1996